

display device)
 IT 9012-09-3, Triacetyl cellulose
 (transparent support; high refraction film, high
 refraction film-forming coating composition,
 anti-reflection film, protective
 film for polarizing plate, polarizing plate and image
 display device)

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS
 RECORD (7 CITINGS)
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR
 THIS RECORD. ALL CITATIONS AVAILABLE IN THE
 RE FORMAT

L54 ANSWER 15 OF 32 HCAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2003:56203 HCAPLUS Full-text
 DOCUMENT NUMBER: 138:91493
 TITLE: Radiation-curable compositions and manufacture of
 multilayer sheets using them
 INVENTOR(S): Kitano, Takahiro; Suzuki, Koichi; Kubo, Keiji;
 Ogushi, Masayasu; Terada, Kazutoshi
 PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003020303	A	20030124	JP 2001-209285	20010710

PRIORITY APPLN. INFO.: JP 2001-209285 20010710
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ED Entered STN: 24 Jan 2003

AB The radiation-curable compns., useful for forming antireflective films, etc.,
 contain fluoro compds. having ≥ 1 CF₂ unit and (meth)acryloyl group in a mol.,
 silica sol (particle size ≤ 60 nm), and polymerization initiators. Thus, a
 composition containing MEK-ST (colloidal silica) 3, 2,2,3,3,4,4,5,5-
 octafluorohexane 1,6-diacrylate 7, Irgacure 184 0.5, and MEK 90 parts showed
 pot life ≥ 30 days at room temperature in a sealed container. The composition
 was applied on an acrylic resin sheet, dried, and UV-irradiated for 30 s to
 give a multilayer sheet showing pencil hardness 4H and refractive index (of
 coating film) 1.372.

IT 25656-08-0P

(radiation-curable coatings with long pot life containing
 fluoro (meth)acrylate and silica sol for scratch-resistant
 antireflective layers)

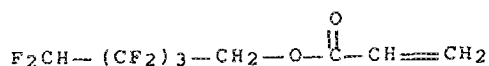
RN 25656-08-0 HCAPLUS

CN 2-Propenoic acid, 2,2,3,3,4,4,5,5-octafluoropentyl ester, homopolymer
 (CA INDEX NAME)

CM 1

CRN 376-84-1

CMF C8 H6 F8 O2



- IC ICM C08F002-44
ICS B32B027-30; C08F020-22; C09D004-02; C09D005-00
- CC 42-7 (Coatings, Inks, and Related Products)
Section cross-reference(s): 37, 38, 73
- ST radiation curable coating scratch resistance
antireflective; pot life radiation curable fluoro acrylate;
fluoro acrylate coating scratch resistance
antireflective; multilayer antireflective
film fluoro methacrylate coating
- IT Antireflective films
(radiation-curable coatings with long pot life containing
fluoro (meth)acrylate and silica sol for scratch-resistant
antireflective layers)
- IT Silica gel, uses
(radiation-curable coatings with long pot life containing
fluoro (meth)acrylate and silica sol for scratch-resistant
antireflective layers)
- IT Coating materials
(radiation-curable; radiation-curable coatings with long
pot life containing fluoro (meth)acrylate and silica sol for
scratch-resistant antireflective layers)
- IT Coating materials
(scratch-resistant; radiation-curable coatings with long
pot life containing fluoro (meth)acrylate and silica sol for
scratch-resistant antireflective layers)
- IT Acrylic polymers, uses
(substrates; radiation-curable coatings with long pot
life containing fluoro (meth)acrylate and silica sol for
scratch-resistant antireflective layers)
- IT 7631-86-9, MEK-ST, uses
(colloidal; radiation-curable coatings with long pot life
containing fluoro (meth)acrylate and silica sol for scratch-resistant
antireflective layers)
- IT 25656-08-0P 153893-38-0P
(radiation-curable coatings with long pot life containing
fluoro (meth)acrylate and silica sol for scratch-resistant
antireflective layers)

L54 ANSWER 16 OF 32 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2003:36901 HCAPLUS Full-text
DOCUMENT NUMBER: 138:80490
TITLE: Optical fibers
INVENTOR(S): Sawada, Minoru; Suzuki, Masahiro
PATENT ASSIGNEE(S): Junkosha Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003014967	A	20030115	JP 2001-200410	20010702

10/571,990

PRIORITY APPLN. INFO.:

JP 2001-200410

20010702

ED Entered STN: 16 Jan 2003

AB The fibers comprise: (1) a core ($n = n_0$); (2) a 1st cladding layer ($n = n_1 > n_0$); and (3) a 2nd cladding layer ($n = n_2 < n_0$), where the thickness of (2) is $< \lambda$ and $> \lambda/100$ (λ = wavelength of the light employed).

IT 9002-84-0, Teflon
(optical fibers with double claddings)

RN 9002-84-0 HCAPLUS

CN Ethene, 1,1,2,2-tetrafluoro-, homopolymer (CA INDEX NAME)

CM 1

CRN 116-14-3

CMF C2 F4



IC ICM G02B006-22

CC 73-11 (Optical, Electron, and Mass Spectroscopy and Other Related Properties)

ST optical fiber double cladding

IT Optical fibers

Refractive index

(optical fibers with double claddings)

IT Fluoropolymers, uses

(optical fibers with double claddings)

IT 9002-84-0, Teflon 37626-13-4, Teflon AF1600

(optical fibers with double claddings)

L54 ANSWER 17 OF 32 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:752412 HCAPLUS Full-text

DOCUMENT NUMBER: 137:286157

TITLE: Laminate comprising a needle-like antimony-containing tin oxide and antireflection film comprising the same

INVENTOR(S): Nishikawa, Akira; Shimomura, Hiroomi

PATENT ASSIGNEE(S): JSR Corporation, Japan

SOURCE: Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1245968	A2	20021002	EP 2002-7019	20020327
EP 1245968	A3	20021009		
EP 1245968	B1	20040630		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR